

**April 10, 2013**



U.S. Department  
of Transportation

**Pipeline and Hazardous  
Materials Safety Administration**

East Building, PHH – 30  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

DOT-SP 8627  
(TWENTY-FIRST REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of Class 3, Division 6.1, and Class 8 materials in multiple non-DOT specification portable tanks or IBCs manifolded together within a frame and securely mounted on a truck chassis. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
  - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.
  - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.201, 173.202, 173.203, 173.241, 173.242, and 173.243 in that the non-DOT specification packaging is not authorized, except as specified herein.

5. BASIS: This special permit is based on the Pipeline and Hazardous Materials Safety Administration's (PHMSA) editorial review under § 107.121 initiated on December 4, 2008 and additional information of February 13, 2013.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Material Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Corrosive liquids, n.o.s. (Class 8 liquids which are corrosive to skin only and which are compatible with the tank and its appurtenances)	8	Various	As appropriate
Flammable liquid, corrosive, n.o.s.	3, 8	UN2924	II or III
Flammable liquids, n.o.s. (Class 3 having a vapor pressure less than 16 psia at 130°F)	3	Various	As appropriate
Hexanes (Class 3 having a vapor pressure less than 16 psia at 130°F)	3	UN1208	II
Hydrochloric acid	8	UN1789	II
Isopropanol	3	UN1219	II
Toxic liquids, organic, n.o.s. (Tetrakis (hydroxymethyl) Phosphonium Sulfate)	6.1	UN2810	III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a group of 230 liter (60 gallon) capacity, IBCs or non-DOT specification portable tanks, manifolded together within a frame and equipped with top and bottom openings, conforming to the following:

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(1) Each non-DOT specification portable tank must be constructed in accordance with Clark Engineering of Odessa drawing, Chemical Injection Tanks dated 11/2/82 or Tretite Division, Petrolite Corporation drawing, Chemical Tanks 4" Forged Steel Pipe Cap, rev. 1 dated 2/11/92, or Tretolite Division, Petrolite Corporation drawing No. DOM-M3, Rev 0, or Champion Technologies, Inc. drawing dated 2/11/93, and technical specifications and calculations on file with the Office of Hazardous materials special Permits and Approvals (OHMSPA). Each portable tank may be equipped with a Clay and Bailey Mfg. Co. Model #937 Pressure Actuated Vent, in lieu of the 4" Forged Steel Pipe Cap. In addition, each portable tank must conform with DOT Specification 57 in all respects except for specification marking, water capacity and that the use of sight glasses is authorized. Each sight glass must have shut-off valves, top and bottom and be provided with adequate protection to prevent accidental breakage. No new construction of these tanks is permitted after October 1, 1996.

(2) After October 1, 1996 -

(i) The individual units comprising the manifolded packaging must in all respects conform to the requirements for a UN31A steel IBC, except as follows:

(A) The minimum 450 liter (119 gallon) capacity for a bulk packaging does not apply, and instead the capacity may not exceed 230 liters (60 gallons);

(B) The requirements of 49 CFR 178.704(b) and (e) relating to protection of service equipment (including bottom discharge valves) do not apply, provided that adequate protection of service equipment and bottom discharge valves is afforded when the IBCs are manifolded within the frame;

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(C) IBCs need not be designed for top or bottom lifting as otherwise required by 49 CFR 178.704(f), and are not subject to top or bottom lift design qualification tests;

(D) In performing the IBC design qualification drop test prescribed in 49 CFR 178.810, bottom discharge valves may be removed and the opening(s) plugged;

(E) IBCs need not be marked with the specification markings as otherwise required by 49 CFR 178.503; and

(F) IBCs may be fitted with a site glass. Each site glass must have top and bottom shut-off valves, and, when the IBC is in the manifolded packaging, afforded adequate protection against accidental breakage. When performing IBC design qualification tests, site glass valves may be closed, and breakage of a site glass without leakage is not considered a failure of the test.

(ii) In addition to the design qualification tests required for IBCs under paragraph 7.a.(2)(i) above, a manifolded packaging must be subjected to a drop flat on a side, flat on top, or on a corner, whichever is considered the most vulnerable part, without leakage. IBCs used in performing the design qualification tests required under paragraph 7.a.(2)(i) may be used in this test. Valves on site glasses may be closed in performing this test.

b. TESTING -

(1) Each portable tank or IBC must be visually inspected prior to each trip to insure that it has not been damaged on the previous trip.

(2) Each non-DOT Specification portable tank must be reinspected and retested once every two and one-half years in accordance with § 173.32(e) as prescribed for DOT Specification 57 portable tanks at a minimum pressure of 10 psig.

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(3) Each non-DOT specification intermediate bulk container must be reinspected and retested once every two and one-half years in accordance with § 180.352(b) as prescribed for UN31A intermediate bulk containers except that hydrostatic testing at a minimum pressure of 10 psig must be conducted instead of leakproofness testing.

c. OPERATIONAL CONTROLS -

(1) Each non-DOT specification portable tank or IBC must be filled so as not to be liquid full at less than or equal to 130°F.

(2) Sight glass shut-off valves must be secured during transportation.

(3) Non-DOT specification portable tanks and IBCs are only authorized when manifolded together within a frame.

(i) The number of non-DOT specification portable tanks and IBCs within a frame may not exceed six

(ii) Each non-DOT specification portable tank or IBCs may not exceed sixty (60) gallon capacity.

(4) Each overflow line must be fitted with a shut-off valve on the top of the portable tank or IBC which is secured during transportation.

8. SPECIAL PROVISIONS:

a. Each portable tank or IBC must be visibly marked on one side near the middle in letters and numbers at least one inch in height on a contrasting background, "DOT-SP 8627".

b. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

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c. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq.:
  - o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 and 172.704.

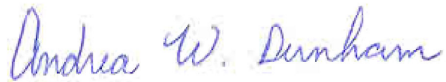
No person may use or apply this special permit, including display of its number, when the special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

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12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 Immediate notice of certain hazardous materials incidents, and 171.16 Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.



for Dr. Magdy El-Sibaie  
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at [http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm) Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: DB/dl